

IN THE CLAIMS:

1-28. (Canceled)

29. (Currently Amended) A content reproducing device for reproducing data ~~comprising content~~ stored on an optical disk, the device comprising:

reading means for reading a cipher key and identification information unique to ~~the an~~ optical disk having ~~content~~ data recorded therein, the identification information and the cipher key recorded in the form of stripe patterns extending along ~~a radius~~ radii of the optical ~~disk by trimming disk wherein~~ a reflective layer of the optical disk has been trimmed with a laser beam;

encoding means for encoding with the cipher key ~~accounting information associated with a user account; specific data;~~

communicating means for communicating certain information including the identification information and the encoded ~~accounting information specific data to a server which selects capable of selecting~~ a decode key that corresponds to the identification information and ~~decodes the encoded accounting information with the selected decode key decoding the encoded specific data.~~

30. (Canceled)

31. (Currently Amended) The content reproducing device of claim 29, wherein the reading means is for reproducing identification information recorded in an area overlapping a pre-pit region of ~~a medium~~disk.

32. (Previously Presented) The content reproducing device of claim 29, wherein the reading means is for reading the certain information comprising a connection address of a server.

33. – 34. (Canceled)

35. (Currently Amended) The content reproducing method of claim ~~33, 42~~, wherein said reading comprises reading identification information that has been coded in an area overlapping a pre-pit region of ~~a medium~~disk.

36. (Currently Amended) The content reproducing method of claim ~~33, 42~~, ~~wherein said certifying comprises additionally comprising~~ certifying certain information comprising a connection address of a server.

37. (Canceled)

38. (Currently Amended) The content reproducing device of claim 29, wherein the ~~accounting information specific data~~ includes a credit card number of ~~the~~ a user.

39. (Currently Amended) The content reproducing method of claim ~~33, 42,~~ further comprising:

    checking the accounting information; and

    certifying a possibility of the accounting to ~~the~~ a user,

    wherein said reproducing of the ~~content~~ data of the optical disk comprises reproducing the content data of the optical disk after ~~said~~ checking of the accounting information and after ~~said~~ certifying ~~of~~ the possibility of the accounting to ~~the~~ a user.

40. (Currently Amended) The content reproducing method of claim ~~33, 42,~~ wherein the accounting information includes a credit card number of ~~the~~ a user.

41. (New) A method of encoding and decoding data by a content reproducing device and a server using an optical disk comprising stripe patterns of a reflective layer extending along radii of the optical disk with identification information and a cipher key recorded therein by laser trimming a reflective layer within said stripe patterns, the method comprising:

    a content reproducing device reading from such an optical disk a cipher key and identification information unique to the optical disk;

    said content reproducing device encoding, using the cipher key, specific data;

    said content reproducing device communicating at least the identification information and the encoded specific data to a server having therein at least one decode key that corresponds to the identification information of the disk;

    said server selecting a decode key that corresponds to said identification information of said optical disk, and decoding the encoded specific data using the selected decode key.

42. (New) The content reproducing method of claim 41, wherein the specific data is accounting information associated with a user account.

43. (New) The content reproducing device of claim 29, wherein the specific data is accounting information associated with a user account.